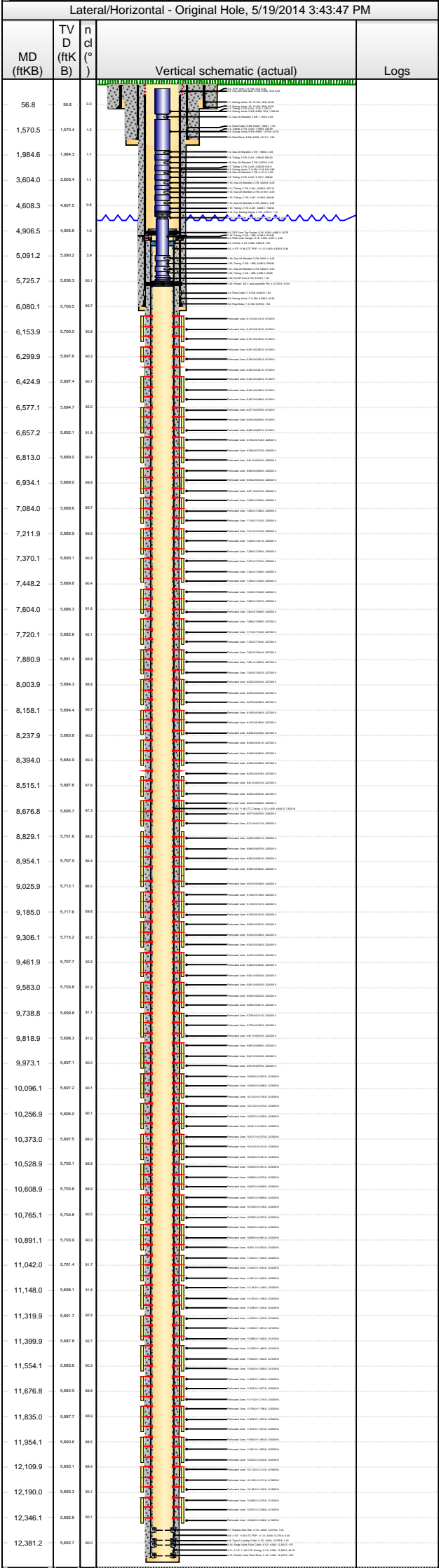




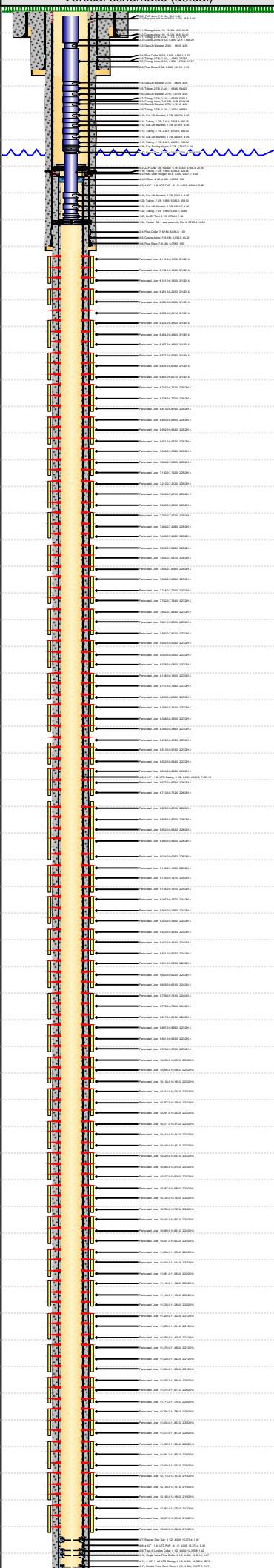
Lease Review All CR
Well Name: RAZOR 271-3414B

API Number 051233790100	WPC ID 1CO076943	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,775.80	Ground Elevation (ft) 4,759.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 12,440.0
Original Spud Date 10/4/2013	Completion Date 3/1/2014	Asset Group Redtail Asset Group	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,320.0	N/S Ref FSL
				E/W Dist (ft) 726.0	E/W Ref FEL
Lot	Quarter 1 NE	Quarter 2 SE	Quarter 3	Quarter 4	Section 27
			Section Suffix	Section Type	Township 10 N
					Township N/S Dir N
					Range 58
					Range E/W Dir W
					Meridian



Wellbore Sections						
Wellbore Name		Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	
Original Hole		9/13/2013	20	16.8	96.8	
Original Hole		10/4/2013	13 1/2	96.8	1,625.0	
Original Hole		10/6/2013	8 3/4	1,625.0	6,090.0	
Original Hole		10/8/2013	6	6,090.0	12,440.0	
Conductor Pipe, 96.8ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
16	75.00	J-55	16.8	56.8	40.00	Casing Joints
16	75.00	J-55	56.8	96.8	40.00	Casing Joints
Surface Csg, 1,614.6ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	40.00	J-55	16.8	16.8	0.00	Landing joint
9 5/8	40.00	J-55	16.8	22.8	6.00	Pup joint well head
9 5/8	40.00	J-55	22.8	1,569.1	1,546.29	Casing Joints
9 5/8	40.00	J-55	1,569.1	1,570.6	1.50	Float Collar
9 5/8	40.00	J-55	1,570.6	1,613.1	42.52	Casing Joints
9 5/8	40.00	J-55	1,613.1	1,614.6	1.50	Float Shoe
Intermediate Csg, 6,080.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	29.00	HCL-80	16.8	16.8	0.00	Landing Joint
7	29.00	HCL-80	16.8	21.8	5.00	PUP Joint
7	29.00	HCL-80	21.8	6,036.8	6,014.98	Casing Joints
7	29.00	HCL-80	6,036.8	6,038.3	1.50	Float Collar
7	29.00	HCL-80	6,038.3	6,078.5	40.22	Casing Joints
7	29.00	HCL-80	6,078.5	6,080.0	1.50	Float Shoe
Liner, 12,430.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	SeaH-90	4,906.3	4,906.3	0.00	4 1/2" 11.6# LTC Casing
6.184	11.60	SeaH-90	4,906.3	4,927.1	20.78	ZXP Liner Top Packer
6.184	11.60	SeaH-90	4,927.1	4,933.8	6.64	HMC Liner Hanger
4 1/2	11.60	SeaH-90	4,933.8	4,934.8	1.00	X-Over
4 1/2	11.60	SeaH-90	4,934.8	4,940.2	5.46	4 1/2" 11.6# LTC PUP
4 1/2	11.60	SeaH-90	4,940.2	12,373.4	7,433.16	4 1/2" 11.6# LTC Casing
4 1/2	11.60	SeaH-90	12,373.4	12,374.4	1.00	Rupture Disc Sub
4 1/2	11.60	SeaH-90	12,374.4	12,379.8	5.45	4 1/2" 11.6# LTC PUP
4 1/2	11.60	SeaH-90	12,379.8	12,381.3	1.42	Type II Landing Collar
4 1/2	11.60	SeaH-90	12,381.3	12,382.3	1.07	Single Valve Float Collar
4 1/2	11.60	SeaH-90	12,382.3	12,427.5	45.16	4 1/2" 11.6# LTC Casing
4 1/2	11.60	SeaH-90	12,427.5	12,430.0	2.52	Double Valve Float Shoe
Cement Stages						
Des		Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement		9/13/2013		16.8	96.8	Returns to Surface
Surface Casing Cement		10/5/2013		16.8	1,614.6	Returns to Surface
Intermediate Casing Cement		10/8/2013		16.8	6,080.0	Returns to Surface
Liner Cement				4,906.3	12,430.0	Returns to Surface
Perforations						
Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone		
Perforated Liner	3/1/2014	6,110.0	6,112.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,152.0	6,154.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,181.0	6,183.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,261.0	6,263.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,300.0	6,302.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,339.0	6,341.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,423.0	6,425.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,454.0	6,456.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,497.0	6,499.0	Niobrara, Original Hole		
Perforated Liner	3/1/2014	6,577.0	6,579.0	Niobrara, Original Hole		

Lease Review All CR														
Well Name: RAZOR 271-3414B														
API Number 051233790100		WPC ID 1C0076943			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO	
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,775.80		Ground Elevation (ft) 4,759.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 12,440.0			
Original Spud Date 10/4/2013		Completion Date 3/1/2014		Asset Group Redtail Asset Group			Responsible Engineer Andrew Fish			N/S Dist (ft) 2,320.0		N/S Ref FSL	E/W Dist (ft) 726.0	E/W Ref FEL
Lot		Quarter 1 NE	Quarter 2 SE	Quarter 3	Quarter 4	Section 27	Section Suffix	Section Type	Township 10	Township N/S Dir N	Range 58	Range E/W Dir W	Meridian	
Lateral/Horizontal - Original Hole, 5/19/2014 3:43:48 PM							Perforations							
MD (ftKB)		TV D (ftK B)	n cl (°)	Vertical schematic (actual)			Logs	Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone		
								Perforated Liner	3/1/2014	6,616.0	6,618.0	Niobrara, Original Hole		
56.8		56.8	0.0					Perforated Liner	3/1/2014	6,655.0	6,657.0	Niobrara, Original Hole		
1,570.5		1,570.4	1.5					Perforated Liner	2/28/2014	6,740.0	6,742.0	Niobrara, Original Hole		
1,984.6		1,984.3	1.7					Perforated Liner	2/28/2014	6,768.0	6,770.0	Niobrara, Original Hole		
3,604.0		3,603.4	1.1					Perforated Liner	2/28/2014	6,813.0	6,815.0	Niobrara, Original Hole		
4,608.3		4,607.5	0.8					Perforated Liner	2/28/2014	6,813.0	6,815.0	Niobrara, Original Hole		
4,906.5		4,905.6	1.0					Perforated Liner	2/28/2014	6,893.0	6,895.0	Niobrara, Original Hole		
5,091.2		5,090.2	1.0					Perforated Liner	2/28/2014	6,893.0	6,895.0	Niobrara, Original Hole		
5,725.7		5,626.3	60.1					Perforated Liner	2/28/2014	6,932.0	6,934.0	Niobrara, Original Hole		
6,080.1		5,700.5	88.7					Perforated Liner	2/28/2014	6,971.0	6,973.0	Niobrara, Original Hole		
6,153.9		5,700.0	90.8					Perforated Liner	2/28/2014	6,971.0	6,973.0	Niobrara, Original Hole		
6,299.9		5,697.6	90.3					Perforated Liner	2/28/2014	7,056.0	7,058.0	Niobrara, Original Hole		
6,424.9		5,697.4	90.1					Perforated Liner	2/28/2014	7,056.0	7,058.0	Niobrara, Original Hole		
6,577.1		5,694.7	92.0					Perforated Liner	2/28/2014	7,084.0	7,086.0	Niobrara, Original Hole		
6,657.2		5,692.1	91.8					Perforated Liner	2/28/2014	7,130.0	7,132.0	Niobrara, Original Hole		
6,813.0		5,689.0	90.4					Perforated Liner	2/28/2014	7,130.0	7,132.0	Niobrara, Original Hole		
6,934.1		5,689.0	98.8					Perforated Liner	2/28/2014	7,210.0	7,212.0	Niobrara, Original Hole		
7,084.0		5,689.6	98.7					Perforated Liner	2/28/2014	7,210.0	7,212.0	Niobrara, Original Hole		
7,211.9		5,689.9	98.8					Perforated Liner	2/28/2014	7,249.0	7,251.0	Niobrara, Original Hole		
7,370.1		5,690.1	90.3					Perforated Liner	2/28/2014	7,249.0	7,251.0	Niobrara, Original Hole		
7,448.2		5,690.6	90.4					Perforated Liner	2/28/2014	7,288.0	7,290.0	Niobrara, Original Hole		
7,604.0		5,686.3	91.8					Perforated Liner	2/28/2014	7,288.0	7,290.0	Niobrara, Original Hole		
7,720.1		5,682.6	92.1					Perforated Liner	2/28/2014	7,370.0	7,372.0	Niobrara, Original Hole		
7,880.9		5,681.4	98.8					Perforated Liner	2/28/2014	7,370.0	7,372.0	Niobrara, Original Hole		
8,003.9		5,684.3	88.8					Perforated Liner	2/28/2014	7,404.0	7,406.0	Niobrara, Original Hole		
8,158.1		5,684.4	98.7					Perforated Liner	2/28/2014	7,404.0	7,406.0	Niobrara, Original Hole		
8,237.9		5,683.8	90.2					Perforated Liner	2/28/2014	7,446.0	7,448.0	Niobrara, Original Hole		
8,394.0		5,684.9	99.3					Perforated Liner	2/28/2014	7,446.0	7,448.0	Niobrara, Original Hole		
8,515.1		5,687.6	87.6					Perforated Liner	2/28/2014	7,526.0	7,528.0	Niobrara, Original Hole		
8,676.8		5,686.7	92.3					Perforated Liner	2/28/2014	7,526.0	7,528.0	Niobrara, Original Hole		
8,829.1		5,701.6	88.2					Perforated Liner	2/27/2014	7,565.0	7,567.0	Niobrara, Original Hole		
8,954.1		5,707.9	90.4					Perforated Liner	2/27/2014	7,565.0	7,567.0	Niobrara, Original Hole		
9,025.9		5,712.1	86.5					Perforated Liner	2/27/2014	7,604.0	7,606.0	Niobrara, Original Hole		
9,185.0		5,717.6	98.8					Perforated Liner	2/27/2014	7,604.0	7,606.0	Niobrara, Original Hole		
9,306.1		5,719.2	92.2					Perforated Liner	2/27/2014	7,686.0	7,688.0	Niobrara, Original Hole		
9,461.9		5,707.7	92.9					Perforated Liner	2/27/2014	7,718.0	7,720.0	Niobrara, Original Hole		
9,583.0		5,703.8	91.3					Perforated Liner	2/27/2014	7,762.0	7,764.0	Niobrara, Original Hole		
9,738.8		5,699.8	91.1					Perforated Liner	2/27/2014	7,762.0	7,764.0	Niobrara, Original Hole		
9,818.9		5,698.3	91.9					Perforated Liner	2/27/2014	7,842.0	7,844.0	Niobrara, Original Hole		
9,973.1		5,697.1	90.0					Perforated Liner	2/27/2014	7,842.0	7,844.0	Niobrara, Original Hole		
10,096.1		5,697.2	96.1					Perforated Liner	2/27/2014	7,881.0	7,883.0	Niobrara, Original Hole		
10,256.9		5,696.0	96.1					Perforated Liner	2/27/2014	7,881.0	7,883.0	Niobrara, Original Hole		
10,373.0		5,697.5	88.0					Perforated Liner	2/27/2014	7,920.0	7,922.0	Niobrara, Original Hole		
10,528.9		5,702.1	88.8					Perforated Liner	2/27/2014	7,920.0	7,922.0	Niobrara, Original Hole		
10,608.9		5,703.8	88.9					Perforated Liner	2/27/2014	8,002.0	8,004.0	Niobrara, Original Hole		
10,765.1		5,704.8	90.5					Perforated Liner	2/27/2014	8,002.0	8,004.0	Niobrara, Original Hole		
10,891.1		5,703.9	90.5					Perforated Liner	2/27/2014	8,033.0	8,035.0	Niobrara, Original Hole		
11,042.0		5,701.4	91.7					Perforated Liner	2/27/2014	8,033.0	8,035.0	Niobrara, Original Hole		
11,148.0		5,698.1	91.8					Perforated Liner	2/27/2014	8,078.0	8,080.0	Niobrara, Original Hole		
11,319.9		5,697.7	92.9					Perforated Liner	2/27/2014	8,078.0	8,080.0	Niobrara, Original Hole		
11,399.9		5,687.8	92.7					Perforated Liner	2/27/2014	8,158.0	8,160.0	Niobrara, Original Hole		
11,554.1		5,683.6	90.3					Perforated Liner	2/27/2014	8,158.0	8,160.0	Niobrara, Original Hole		
11,676.8		5,684.9	88.8					Perforated Liner	2/27/2014	8,197.0	8,199.0	Niobrara, Original Hole		
11,835.0		5,687.7	88.9					Perforated Liner	2/27/2014	8,197.0	8,199.0	Niobrara, Original Hole		
11,954.1		5,690.6	88.5					Perforated Liner	2/27/2014	8,236.0	8,238.0	Niobrara, Original Hole		
12,109.9		5,693.1	89.4					Perforated Liner	2/27/2014	8,236.0	8,238.0	Niobrara, Original Hole		
12,190.0		5,693.3	96.1					Perforated Liner	2/27/2014	8,339.0	8,341.0	Niobrara, Original Hole		
12,346.1		5,692.8	96.1					Perforated Liner	2/27/2014	8,339.0	8,341.0	Niobrara, Original Hole		
12,381.2		5,692.7	89.0					Perforated Liner	2/26/2014	8,348.0	8,350.0	Niobrara, Original Hole		

Lease Review All CR															
Well Name: RAZOR 271-3414B															
API Number 051233790100			WPC ID 1C0076943			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO	
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,775.80			Ground Elevation (ft) 4,759.00			Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 12,440.0		
Original Spud Date 10/4/2013		Completion Date 3/1/2014		Asset Group Redtail Asset Group			Responsible Engineer Andrew Fish			N/S Dist (ft) 2,320.0		N/S Ref FSL	E/W Dist (ft) 726.0		E/W Ref FEL
Lot		Quarter 1 NE	Quarter 2 SE	Quarter 3	Quarter 4	Section 27	Section Suffix	Section Type	Township 10	Township N/S Dir N	Range 58	Range E/W Dir W	Meridian		
Lateral/Horizontal - Original Hole, 5/19/2014 3:43:49 PM						Perforations									
MD (ftKB)	TV D (ftKB)	n cl (° B)	Vertical schematic (actual)			Logs	Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone				
							Perforated Liner	2/26/2014	8,677.0	8,679.0	Niobrara, Original Hole				
56.8	56.8	0.3					Perforated Liner	2/26/2014	8,710.0	8,712.0	Niobrara, Original Hole				
1,570.5	1,570.4	1.5					Perforated Liner	2/26/2014	8,829.0	8,831.0	Niobrara, Original Hole				
1,984.6	1,984.3	1.7					Perforated Liner	2/26/2014	8,868.0	8,870.0	Niobrara, Original Hole				
3,604.0	3,603.4	1.1					Perforated Liner	2/26/2014	8,952.0	8,954.0	Niobrara, Original Hole				
4,608.3	4,607.5	0.8					Perforated Liner	2/26/2014	8,980.0	8,982.0	Niobrara, Original Hole				
4,906.5	4,905.6	1.0					Perforated Liner	2/26/2014	8,980.0	8,982.0	Niobrara, Original Hole				
5,091.2	5,090.2	1.9					Perforated Liner	2/26/2014	9,024.0	9,026.0	Niobrara, Original Hole				
5,725.7	5,626.3	60.1					Perforated Liner	2/26/2014	9,024.0	9,026.0	Niobrara, Original Hole				
6,080.1	5,700.5	88.7					Perforated Liner	2/25/2014	9,106.0	9,108.0	Niobrara, Original Hole				
6,153.9	5,700.0	90.4					Perforated Liner	2/25/2014	9,145.0	9,147.0	Niobrara, Original Hole				
6,299.9	5,697.6	90.3					Perforated Liner	2/25/2014	9,185.0	9,187.0	Niobrara, Original Hole				
6,424.9	5,697.4	90.1					Perforated Liner	2/24/2014	9,265.0	9,267.0	Niobrara, Original Hole				
6,577.1	5,694.7	92.0					Perforated Liner	2/24/2014	9,304.0	9,306.0	Niobrara, Original Hole				
6,657.2	5,692.1	91.4					Perforated Liner	2/24/2014	9,343.0	9,345.0	Niobrara, Original Hole				
6,813.0	5,689.0	90.4					Perforated Liner	2/24/2014	9,423.0	9,425.0	Niobrara, Original Hole				
6,934.1	5,689.0	89.8					Perforated Liner	2/24/2014	9,462.0	9,464.0	Niobrara, Original Hole				
7,084.0	5,689.6	89.7					Perforated Liner	2/24/2014	9,501.0	9,503.0	Niobrara, Original Hole				
7,211.9	5,689.9	89.8					Perforated Liner	2/24/2014	9,581.0	9,583.0	Niobrara, Original Hole				
7,370.1	5,690.1	90.3					Perforated Liner	2/24/2014	9,620.0	9,622.0	Niobrara, Original Hole				
7,448.2	5,693.6	90.4					Perforated Liner	2/24/2014	9,659.0	9,661.0	Niobrara, Original Hole				
7,604.0	5,686.3	91.6					Perforated Liner	2/24/2014	9,739.0	9,741.0	Niobrara, Original Hole				
7,720.1	5,692.6	90.1					Perforated Liner	2/24/2014	9,778.0	9,780.0	Niobrara, Original Hole				
7,880.9	5,691.4	89.8					Perforated Liner	2/24/2014	9,817.0	9,819.0	Niobrara, Original Hole				
8,003.9	5,684.3	89.9					Perforated Liner	2/24/2014	9,897.0	9,899.0	Niobrara, Original Hole				
8,158.1	5,684.4	90.7					Perforated Liner	2/23/2014	9,941.0	9,943.0	Niobrara, Original Hole				
8,237.9	5,693.8	90.2					Perforated Liner	2/23/2014	9,973.0	9,975.0	Niobrara, Original Hole				
8,394.0	5,694.9	89.9					Perforated Liner	2/23/2014	10,055.0	10,057.0	Niobrara, Original Hole				
8,515.1	5,687.6	87.6					Perforated Liner	2/23/2014	10,094.0	10,096.0	Niobrara, Original Hole				
8,676.8	5,690.7	87.3					Perforated Liner	2/23/2014	10,133.0	10,135.0	Niobrara, Original Hole				
8,829.1	5,701.6	86.2		Perforated Liner	2/23/2014	10,213.0	10,215.0	Niobrara, Original Hole							
8,954.1	5,707.9	86.4		Perforated Liner	2/23/2014	10,257.0	10,259.0	Niobrara, Original Hole							
9,025.9	5,712.1	86.5		Perforated Liner	2/23/2014	10,291.0	10,293.0	Niobrara, Original Hole							
9,185.0	5,717.6	86.8		Perforated Liner	2/23/2014	10,371.0	10,373.0	Niobrara, Original Hole							
9,306.1	5,719.2	82.2		Perforated Liner	2/23/2014	10,410.0	10,412.0	Niobrara, Original Hole							
9,461.9	5,707.7	90.9		Perforated Liner	2/23/2014	10,449.0	10,451.0	Niobrara, Original Hole							
9,583.0	5,703.8	91.3		Perforated Liner	2/23/2014	10,529.0	10,531.0	Niobrara, Original Hole							
9,738.8	5,699.9	91.1		Perforated Liner	2/23/2014	10,568.0	10,570.0	Niobrara, Original Hole							
9,818.9	5,698.3	91.0		Perforated Liner	2/23/2014	10,607.0	10,609.0	Niobrara, Original Hole							
9,973.1	5,697.1	90.9		Perforated Liner	2/23/2014	10,687.0	10,689.0	Niobrara, Original Hole							
10,096.1	5,697.2	90.1		Perforated Liner	2/23/2014	10,726.0	10,728.0	Niobrara, Original Hole							
10,256.9	5,696.0	90.1		Perforated Liner											
10,373.0	5,697.5	89.0		Perforated Liner											
10,528.9	5,702.1	89.8		Perforated Liner											
10,608.9	5,703.8	89.9		Perforated Liner											
10,765.1	5,704.8	90.5		Perforated Liner											
10,891.1	5,703.9	90.9		Perforated Liner											
11,042.0	5,701.4	91.7		Perforated Liner											
11,148.0	5,696.1	91.8		Perforated Liner											
11,319.9	5,691.7	92.8		Perforated Liner											
11,399.9	5,687.8	92.7		Perforated Liner											
11,554.1	5,683.6	90.3		Perforated Liner											
11,676.8	5,684.9	89.8		Perforated Liner											
11,835.0	5,687.7	89.9		Perforated Liner											
11,954.1	5,690.6	89.5		Perforated Liner											
12,109.9	5,693.1	89.4		Perforated Liner											
12,190.0	5,693.3	90.1		Perforated Liner											
12,346.1	5,692.9	90.1		Perforated Liner											
12,381.2	5,692.7	89.9		Perforated Liner											

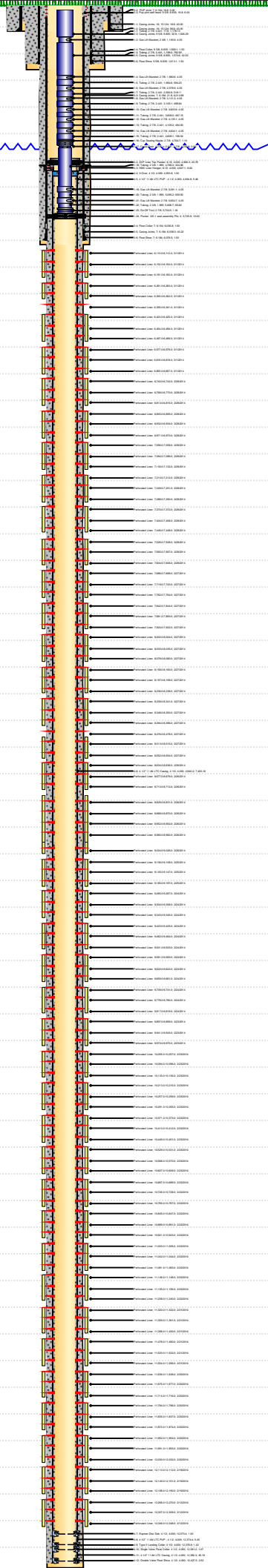


Lateral/Horizontal - Original Hole, 5/19/2014 3:43:50 PM				Perforations				
MD (ftKB)	TV D (ftKB B)	n cl (°)		Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
			Vertical schematic (actual)	Perforated Liner	2/22/2014	10,765.0	10,767.0	Niobrara, Original Hole
				Perforated Liner	2/22/2014	10,845.0	10,847.0	Niobrara, Original Hole
56.8	55.8	5.3		Perforated Liner	2/22/2014	10,889.0	10,891.0	Niobrara, Original Hole
1,570.5	1,570.4	1.5		Perforated Liner	2/22/2014	10,921.0	10,923.0	Niobrara, Original Hole
1,984.6	1,984.3	1.7		Perforated Liner	2/22/2014	11,003.0	11,005.0	Niobrara, Original Hole
3,604.0	3,603.4	1.1		Perforated Liner	2/22/2014	11,042.0	11,044.0	Niobrara, Original Hole
4,608.3	4,607.5	0.8		Perforated Liner	2/22/2014	11,081.0	11,083.0	Niobrara, Original Hole
4,906.5	4,905.6	1.0		Perforated Liner	2/22/2014	11,146.0	11,148.0	Niobrara, Original Hole
5,091.2	5,090.2	1.0		Perforated Liner	2/22/2014	11,193.0	11,195.0	Niobrara, Original Hole
5,725.7	5,626.3	60.1		Perforated Liner	2/22/2014	11,238.0	11,240.0	Niobrara, Original Hole
6,080.1	5,700.5	66.7		Perforated Liner	2/21/2014	11,320.0	11,322.0	Niobrara, Original Hole
6,153.9	5,700.0	56.8		Perforated Liner	2/21/2014	11,359.0	11,361.0	Niobrara, Original Hole
6,299.9	5,697.6	50.3		Perforated Liner	2/21/2014	11,398.0	11,400.0	Niobrara, Original Hole
6,424.9	5,697.4	60.1		Perforated Liner	2/21/2014	11,478.0	11,480.0	Niobrara, Original Hole
6,577.1	5,694.7	50.0		Perforated Liner	2/21/2014	11,520.0	11,522.0	Niobrara, Original Hole
6,657.2	5,692.1	51.8		Perforated Liner	2/21/2014	11,554.0	11,556.0	Niobrara, Original Hole
6,813.0	5,689.0	50.4		Perforated Liner	2/20/2014	11,636.0	11,638.0	Niobrara, Original Hole
6,934.1	5,688.0	50.8		Perforated Liner	2/20/2014	11,675.0	11,677.0	Niobrara, Original Hole
7,084.0	5,686.6	50.7		Perforated Liner	2/20/2014	11,714.0	11,716.0	Niobrara, Original Hole
7,211.9	5,685.9	50.8		Perforated Liner	2/20/2014	11,794.0	11,796.0	Niobrara, Original Hole
7,370.1	5,682.1	50.3		Perforated Liner	2/20/2014	11,835.0	11,837.0	Niobrara, Original Hole
7,448.2	5,680.6	50.4		Perforated Liner	2/20/2014	11,872.0	11,874.0	Niobrara, Original Hole
7,604.0	5,686.3	51.6		Perforated Liner	2/20/2014	11,952.0	11,954.0	Niobrara, Original Hole
7,720.1	5,682.6	52.1		Perforated Liner	2/20/2014	11,991.0	11,993.0	Niobrara, Original Hole
7,880.9	5,681.4	51.8		Perforated Liner	2/20/2014	12,030.0	12,032.0	Niobrara, Original Hole
8,003.9	5,684.3	51.8		Perforated Liner	2/20/2014	12,110.0	12,112.0	Niobrara, Original Hole
8,158.1	5,684.4	50.7		Perforated Liner	2/19/2014	12,149.0	12,151.0	Niobrara, Original Hole
8,237.9	5,683.6	50.2		Perforated Liner	2/19/2014	12,188.0	12,190.0	Niobrara, Original Hole
8,394.0	5,684.9	50.3		Perforated Liner	2/12/2014	12,268.0	12,270.0	Niobrara, Original Hole
8,515.1	5,687.6	57.6		Perforated Liner	2/12/2014	12,307.0	12,309.0	Niobrara, Original Hole
8,676.8	5,695.7	57.3		Perforated Liner	2/12/2014	12,346.0	12,348.0	Niobrara, Original Hole
8,829.1	5,701.6	58.2						
8,954.1	5,707.9	60.4						
9,025.9	5,712.1	62.5						
9,185.0	5,717.6	60.8						
9,306.1	5,715.2	52.2						
9,461.9	5,707.7	52.9						
9,583.0	5,703.8	51.3						
9,738.8	5,699.8	51.1						
9,818.9	5,698.3	51.8						
9,973.1	5,697.1	50.0						
10,096.1	5,697.2	50.1						
10,256.9	5,696.0	50.1						
10,373.0	5,697.5	50.8						
10,528.9	5,702.1	60.8						
10,608.9	5,703.8	60.9						
10,765.1	5,704.8	60.5						
10,891.1	5,703.9	60.3						
11,042.0	5,701.4	61.7						
11,148.0	5,699.1	61.9						
11,319.9	5,691.7	52.9						
11,399.9	5,687.8	52.7						
11,554.1	5,693.6	60.3						
11,676.8	5,694.9	60.9						
11,835.0	5,698.7	60.9						
11,954.1	5,690.6	60.5						
12,109.9	5,693.1	60.4						
12,190.0	5,693.3	60.1						
12,346.1	5,692.8	60.1						
12,381.2	5,692.7	60.0						

Lease Review All CR																			
Well Name: RAZOR 271-3414B																			
API Number 051233790100			WPC ID 1CO076943			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO					
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,775.80			Ground Elevation (ft) 4,759.00			Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 12,440.0						
Original Spud Date 10/4/2013		Completion Date 3/1/2014		Asset Group Redtail Asset Group			Responsible Engineer Andrew Fish			N/S Dist (ft) 2,320.0		N/S Ref FSL		E/W Dist (ft) 726.0		E/W Ref FEL			
Lot		Quarter 1 NE	Quarter 2 SE	Quarter 3	Quarter 4	Section 27	Section Suffix	Section Type		Township 10 N		Township N/S Dir N		Range 58		Range E/W Dir W		Meridian	
Lateral/Horizontal - Original Hole, 5/19/2014 3:43:52 PM										Stim/Treat Stages									
MD (ftKB)	TV D (ftKB)	n cl (°)	Vertical schematic (actual)				Logs	Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid			Vol Clean Pump (bbl)				
56.8	56.8	0.0					Frac	2/19/2014	12,110.0	12,190.0	8980# 40/70, 165900# 20/40, 24bbls 15%HCL, Slick Water			3389.00					
1,570.5	1,570.4	1.5					Frac	2/19/2014	12,268.0	12,348.0	8220# 40/70, 40590# 20/40, 24bbls 15%HCL, Slick Water			3000.00					
1,984.6	1,984.3	1.7					Frac	3/1/2014	6,110.0	6,183.0	9353# 40/70, 168130#20/40, 24bbls 15%HCL, Slick Water			3077.00					
3,604.0	3,603.4	1.1					Frac	3/1/2014	6,261.0	6,302.0	9271# 40/70, 168829#20/40, 24bbls 15%HCL, Slick Water			3056.00					
4,608.3	4,607.5	0.8					Frac	3/1/2014	6,423.0	6,499.0	4728# 40/70, 167600#20/40, 24bbls 15%HCL, Slick Water			4174.00					
4,906.5	4,905.6	1.0					Frac	2/28/2014	6,577.0	6,657.0	9025# 40/70, 156875#20/40, 24bbls 15%HCL, Slick Water			3021.00					
5,091.2	5,090.2	1.9					Frac	2/28/2014	6,740.0	6,815.0	8982# 40/70, 163118#20/40, 24bbls 15%HCL, Slick Water			3043.00					
5,725.7	5,696.3	60.1					Frac	2/28/2014	6,893.0	6,973.0	9266# 40/70, 162734#20/40, Slick Water			2991.00					
6,080.1	5,700.5	88.7					Frac	2/28/2014	7,056.0	7,132.0	8808# 40/70, 167319#20/40, 24bbls 15%HCL, Slick Water			3202.00					
6,153.9	5,700.0	90.8					Frac	2/28/2014	7,210.0	7,290.0	8800# 40/70, 169000#20/40, Slick Water			3078.00					
6,299.9	5,697.6	90.3					Frac	2/28/2014	7,370.0	7,448.0	9435# 40/70, 167764#20/40, Slick Water			3257.00					
6,424.9	5,697.4	90.1					Frac	2/28/2014	7,526.0	7,606.0	9009# 40/70, 168891#20/40, Slick Water			3078.00					
6,577.1	5,694.7	92.0					Frac	2/27/2014	7,686.0	7,764.0	9319# 40/70, 163481#20/40, Slick Water			3022.00					
6,657.2	5,692.1	91.8					Frac	2/27/2014	7,842.0	7,922.0	9038# 40/70, 161962#20/40, Slick Water			3053.00					
6,813.0	5,689.0	90.4					Frac	2/27/2014	8,002.0	8,080.0	8983# 40/70, 163288#20/40, Slick Water			3031.00					
6,934.1	5,689.0	89.9					Frac	2/27/2014	8,158.0	8,238.0	9002# 40/70, 162281#20/40, Slick Water			3022.00					
7,084.0	5,689.6	89.7					Frac	2/27/2014	8,339.0	8,396.0	9115# 40/70, 169985#20/40, 24bbls 15%HCL, Slick Water			3093.00					
7,211.9	5,689.9	89.8					Frac	2/26/2014	8,478.0	8,554.0	9034# 40/70, 171466#20/40, 24bbls 15%HCL, Slick Water			3087.00					
7,370.1	5,690.1	90.3					Frac	2/26/2014	8,634.0	8,712.0	8637# 40/70, 146163#20/40, 24bbls 15%HCL, Slick Water			3056.00					
7,448.2	5,689.6	90.4					Frac	2/26/2014	8,751.0	8,989.0	9176# 40/70, 163624#20/40, 24bbls 15%HCL, Slick Water			3074.00					
7,604.0	5,686.3	91.6					Frac	2/26/2014	8,952.0	9,026.0	8718# 40/70, 161954#20/40, 24bbls 15%HCL, Slick Water			3245.00					
7,720.1	5,682.6	90.1					Frac	2/25/2014	9,106.0	9,187.0	9144# 40/70, 168166#20/40, 24bbls 15%HCL, Slick Water			3126.00					
7,880.9	5,681.4	89.8					Frac	2/24/2014	9,265.0	9,345.0	8926# 40/70, 111744#20/40, 24bbls 15%HCL, Slick Water			2960.00					
8,003.9	5,684.3	88.8					Frac	2/24/2014	9,423.0	9,503.0	8914# 40/70, 167486#20/40, 24bbls 15%HCL, Slick Water			3116.00					
8,158.1	5,684.4	90.7					Frac	2/24/2014	9,581.0	9,661.0	9213# 40/70, 167087#20/40, 24bbls 15%HCL, Slick Water			3094.00					
8,237.9	5,683.8	90.2					Frac	2/24/2014	9,739.0	9,819.0	9420# 40/70, 166680#20/40, 24bbls 15%HCL, Slick Water			3103.00					
8,394.0	5,684.9	89.9					Frac	2/23/2014	9,897.0	9,975.0	8900# 40/70, 165700#20/40, 24bbls 15%HCL, Slick Water			3074.00					
8,515.1	5,687.6	87.6					Frac	2/23/2014	10,055.0	10,135.0	9500# 40/70, 166000#20/40, 24bbls 15%HCL, Slick Water			3090.00					
8,676.8	5,685.7	87.3					Frac	2/23/2014	10,213.0	10,293.0	8958# 40/70, 165213#20/40, 24bbls 15%HCL, Slick Water			3103.00					
8,829.1	5,701.6	88.2					Frac	2/23/2014	10,371.0	10,451.0	9379# 40/70, 166981#20/40, 24bbls 15%HCL, Slick Water			3151.00					
8,954.1	5,707.9	88.4	Frac	2/22/2014	10,529.0	10,609.0	8800# 40/70, 164600#20/40, 24bbls 15%HCL, Slick Water			3090.00									
9,025.9	5,712.1	86.5	Frac	2/22/2014	10,687.0	10,767.0	9270# 40/70, 165200#20/40, 24bbls 15%HCL, Slick Water			3106.00									
9,185.0	5,717.6	88.8	Frac	2/22/2014	10,845.0	10,923.0	8700# 40/70, 166,440#20/40, 24bbls 15%HCL, Slick Water			3154.00									
9,306.1	5,719.2	90.2	Frac	2/22/2014	11,003.0	11,083.0	8280# 40/70, 168320#20/40, 24bbls 15%HCL, Slick Water			3128.00									
9,461.9	5,707.7	89.9	Frac	2/22/2014	11,146.0	11,240.0	7410# 40/70, 163810#20/40, 24bbls 15%HCL, Slick Water			3411.00									
9,583.0	5,703.8	91.3	Frac	2/21/2014	11,320.0	11,400.0	9100# 40/70, 165100#20/40, 24bbls 15%HCL, Slick Water			3462.00									
9,738.8	5,699.8	91.1	Tubing - Production set at 5,735.9ftKB on 4/22/2014 06:00																
9,818.9	5,698.3	91.0																	
9,973.1	5,697.1	89.0	Set Depth (ftKB)	Comment				Run Date		Pull Date									
10,096.1	5,697.2	90.1	5,735.9					4/22/2014											
10,256.9	5,696.0	90.1																	
10,373.0	5,697.5	89.9																	
10,528.9	5,702.1	88.8																	
10,608.9	5,703.8	88.9																	
10,765.1	5,704.8	90.8																	
10,891.1	5,703.9	90.3																	
11,042.0	5,701.4	91.7																	
11,148.0	5,696.1	91.8																	
11,319.9	5,697.7	90.9																	
11,399.9	5,687.8	89.7																	
11,554.1	5,683.6	90.3																	
11,676.8	5,684.9	88.8																	
11,835.0	5,687.7	88.9																	
11,954.1	5,690.6	88.5																	
12,109.9	5,693.1	88.4																	
12,190.0	5,693.3	90.1																	
12,346.1	5,692.8	90.1																	
12,381.2	5,692.7	89.0																	



Lease Review All CR
Well Name: RAZOR 271-3414B

API Number 051233790100			WPC ID 1CO076943			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO																																			
Well Configuration Type Lateral/Horizontal			Orig KB Elv (ft) 4,775.80			Ground Elevation (ft) 4,759.00			Casing Flange Elevation (ft)			Tubing Head Elevation (ft)			Total Depth (ftKB) 12,440.0																																			
Original Spud Date 10/4/2013			Completion Date 3/1/2014			Asset Group Redtail Asset Group			Responsible Engineer Andrew Fish			N/S Dist (ft) 2,320.0			N/S Ref FSL			E/W Dist (ft) 726.0			E/W Ref FEL																													
Lot			Quarter 1 NE		Quarter 2 SE		Quarter 3		Quarter 4		Section 27		Section Suffix		Section Type		Township 10		Township N/S Dir N		Range 58		Range E/W Dir W		Meridian																									
Lateral/Horizontal - Original Hole, 5/19/2014 3:43:53 PM																																																		
MD (ftKB)			TV D (ftKB)			n cl (°)			Vertical schematic (actual)										Logs																															
56.8			56.8			0.2													Tubing								2 7/8		2.441		1,176.10		17.8		1,193.9															
1,570.5			1,570.4			1.5													Gas Lift Mandrel								2 3/8				4.05		1,193.9		1,198.0															
1,984.6			1,984.3			1.7													Tubing								2 7/8		2.441		782.59		1,198.0		1,980.6															
3,604.0			3,603.4			1.1													Gas Lift Mandrel								2 7/8				4.05		1,980.6		1,984.6															
4,608.3			4,607.5			0.8													Tubing								2 7/8		2.441		594.23		1,984.6		2,578.9															
4,906.5			4,905.5			1.0													Gas Lift Mandrel								2 7/8				4.05		2,578.9		2,582.9															
5,091.2			5,090.2			0.9													Tubing								2 7/8		2.441		518.11		2,582.9		3,101.0															
5,725.7			5,725.3			0.4													Gas Lift Mandrel								2 7/8				4.05		3,101.0		3,105.1															
6,080.1			6,079.5			0.6													Tubing								2 7/8		2.441		498.84		3,105.1		3,603.9															
6,153.9			6,153.0			0.9													Gas Lift Mandrel								2 7/8				4.05		3,603.9		3,608.0															
6,299.9			6,299.5			0.4													Tubing								2 7/8		2.441		497.15		3,608.0		4,105.1															
6,424.9			6,424.7			0.2													Gas Lift Mandrel								2 7/8				4.05		4,105.1		4,109.2															
6,577.1			6,576.7			0.4													Tubing								2 7/8		2.441		494.93		4,109.2		4,604.1															
6,657.2			6,657.1			0.1													Gas Lift Mandrel								2 7/8				4.05		4,604.1		4,608.1															
6,813.0			6,813.0			0.0													Tubing								2 7/8		2.441		156.54		4,608.1		4,764.7															
6,934.1			6,934.1			0.0													Cup Seating Nipple								2 7/8				1.10		4,764.7		4,765.8															
7,084.0			7,084.0			0.0													Cross Over 2-7/8" x 2-3/8"								2 7/8				0.50		4,765.8		4,766.3															
7,211.9			7,211.9			0.0													Tubing								2 3/8		1.995		324.86		4,766.3		5,091.1															
7,370.1			7,370.1			0.0													Gas Lift Mandrel								2 7/8				4.05		5,091.1		5,095.2															
7,448.2			7,448.2			0.0													Tubing								2 3/8		1.995		559.50		5,095.2		5,654.7															
7,604.0			7,604.0			0.0													Gas Lift Mandrel								2 7/8				4.05		5,654.7		5,658.7															
7,720.1			7,720.1			0.0													Tubing								2 3/8		1.995		65.80		5,658.7		5,724.5															
7,880.9			7,880.9			0.0													On-Off Tool								2 7/8				1.34		5,724.5		5,725.9															
8,003.9			8,003.9			0.0													Packer AS-1 seal assembly Pkr								4				10.00		5,725.9		5,735.9															
8,158.1			8,158.1			0.0													Rod Strings																															
8,237.9			8,237.9			0.0													<des> on <dtmrun>																															
8,394.0			8,394.0			0.0													Rod Description										Run Date					Pull Date																
8,515.1			8,515.1			0.0													Item Des										OD (in)		Len (ft)		Top (ftKB)		Btm (ftKB)															
8,676.8			8,676.8			0.0																																												
8,829.1			8,829.1			0.0													Other Strings																															
8,954.1			8,954.1			0.0													Set Depth (ftKB)										Comment										Run Date					Pull Date						
9,025.9			9,025.9			0.0													Item Des										OD (in)		Len (ft)		Top (ftKB)		Btm (ftKB)															
9,185.0			9,185.0			0.0																																												
9,306.1			9,306.1			0.0													Other In Hole																															
9,461.9			9,461.9			0.0													Des										OD (in)		Run Date		Pull Date		Top (ftKB)		Btm (ftKB)													
9,583.0			9,583.0			0.0													CFP										4		3/1/2014		4/20/2014		6,222.0		6,224.0													
9,738.8			9,738.8			0.0													CFP										4		3/1/2014		4/20/2014		6,380.0		6,382.0													
9,818.9			9,818.9			0.0													CFP										4		3/1/2014		4/20/2014		6,538.0		6,540.0													
9,973.1			9,973.1			0.0													CFP										4		3/1/2014		4/20/2014		6,697.0		6,699.0													
10,096.1			10,096.1			0.0													CFP										4		2/28/2014		4/20/2014		6,854.0		6,856.0													
10,256.9			10,256.9			0.0													CFP										4		2/28/2014		4/20/2014		7,014.0		7,016.0													
10,373.0			10,373.0			0.0													CFP										4		2/28/2014		4/20/2014		7,171.0		7,173.0													
10,528.9			10,528.9			0.0													CFP										4		2/28/2014		4/20/2014		7,329.0		7,331.0													
10,608.9			10,608.9			0.0													CFP										4		2/28/2014		4/20/2014		7,487.0		7,489.0													
10,765.1			10,765.1			0.0													CFP										4		2/28/2014		4/20/2014		7,645.0		7,647.0													
10,891.1			10,891.1			0.0													CFP										4		2/27/2014		4/20/2014		7,803.0		7,805.0													
11,042.0			11,042.0			0.0													CFP										4		2/27/2014		4/20/2014		7,961.0		7,963.0													
11,148.0			11,148.0			0.0													CFP										4		2/27/2014		4/20/2014		8,119.0		8,121.0													
11,319.9			11,319.9			0.0													CFP										4		2/27/2014		4/20/2014		8,277.0		8,279.0													
11,399.9			11,399.9			0.0													CFP										4		2/27/2014		4/20/2014		8,435.0		8,437.0													
11,554.1			11,554.1			0.0													CFP										4		2/27/2014		4/20/2014		8,593.0		8,595.0													
11,676.8			11,676.8			0.0													CFP										4		2/26/2014		4/20/2014		8,751.0		8,753.0													
11,835.0			11,835.0			0.0													CFP										4		2/26/2014		4/20/2014		8,909.0		8,911.0													
11,954.1			11,954.1			0.0													CFP										4		2/26/2014		4/20/2014		9,067.0		9,069.0													
12,109.9			12,109.9			0.0													CFP										4		2/25/2014		4/20/2014		9,226.0		9,228.0													
12,190.0			12,190.0			0.0													CFP										4		2/24/2014		4/20/2014		9,384.0		9,386.0													
12,346.1			12,346.1			0.0													CFP										4		2/24/2014		4/20/2014		9,542.0		9,544.0													
12,381.2			12,381.2			0.0													CFP										4		2/24/2014		4/20/2014		9,700.0		9,702.0													



Lease Review All CR
Well Name: RAZOR 271-3414B

API Number 051233790100	WPC ID 1C0076943	Well Permit Number	Field Name DJ Horizontal Niobrara	County Weld	State CO
Well Configuration Type Lateral/Horizontal	Orig KB Elv (ft) 4,775.80	Ground Elevation (ft) 4,759.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 12,440.0
Original Spud Date 10/4/2013	Completion Date 3/1/2014	Asset Group Redtail Asset Group	Responsible Engineer Andrew Fish	N/S Dist (ft) 2,320.0	N/S Ref FSL
				E/W Dist (ft) 726.0	E/W Ref FEL
Lot	Quarter 1 NE	Quarter 2 SE	Quarter 3	Quarter 4	Section 27
			Section Suffix	Section Type	Township 10 N
					Range 58 W

Lateral/Horizontal - Original Hole, 5/19/2014 3:43:54 PM				Other In Hole							
MD (ftKB)	TV D (ftKB B)	n cl (°)	Vertical schematic (actual)	Logs	Des		OD (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)
					CFP		4	2/20/2014	4/20/2014	11,755.0	11,757.0
					CFP		4	2/20/2014	4/20/2014	11,913.0	11,915.0
					CFP		4	2/20/2014	4/20/2014	12,071.0	12,073.0
					CFP		4	2/19/2014	4/20/2014	12,229.0	12,231.0
					CFP		4	2/12/2014	4/20/2014	12,398.0	12,400.0
Bottom Hole Cores											
Date		Core #		Top (ftKB)		Btm (ftKB)		Recov (ft)			